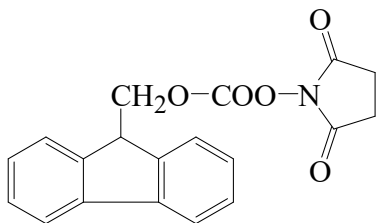




>>Entry Name: 1-[[*(9H*-Fluoren-9-ylmethoxy)carbonyl]oxy]-2,5-pyrrolidinedione, 9Cl

Synonym(s): 9-Fluorenylmethyl succinimidyl carbonate



CAS Registry Number: 82911-69-1

Molecular Formula: C₁₉H₁₅NO₅

Molecular Weight: 337.331

Accurate Mass: 337.095024

Percentage Composition: C 67.65%; H 4.48%; N 4.15%; O 23.71%

Use/Importance: Reagent for fluorenylmethoxycarbonylation of amino acids to form Fmoc derivs.

Physical Description: Cryst. (CHCl₃/Et₂O)

Melting Point: Mp 150-153°

Aldrich: 28950-7

Sigma: F7393

References:

Paquet, A., *Can. J. Chem.*, 1982, **60**, 976, (*synth*)